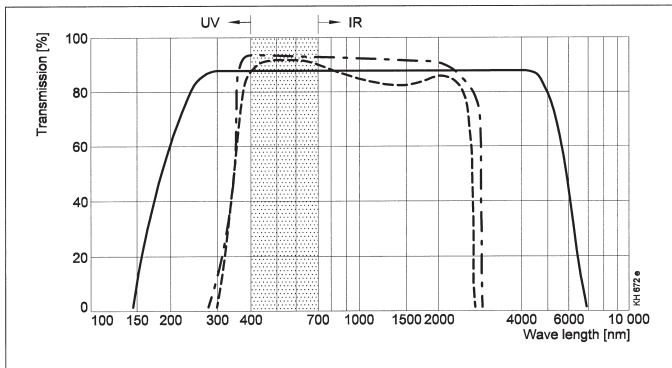


DN 16 – DN 160 CF

Viewports



— Average transmittance curve
 — Sapphire
 - - - Kodial
 ····· Borosilicate



PROPERTIES

- ◆ Protection window
- ◆ With Fe-Ni alloy as transition material

SELECTION DATA

| | | | | | | |
|---------------------|----------------------------|--------------|----------------|--------------|--------------|--------------|
| Vacuum connection | DN 16 CF-F | DN 40 CF-F | DN 40 CF-F | DN 63 CF-F | DN 100 CF-F | DN 160 CF-F |
| Window | kodial glass | kodial glass | sapphire glass | kodial glass | kodial glass | kodial glass |
| Seal | iron/nickel | | | | | |
| Flange | stainless steel 304/1.4301 | | | | | |
| Bakeout temperature | °C 400 | | | | | |

ORDERING INFORMATION

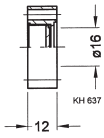
| | | | | | | |
|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Viewport | 214-021 | 214-022 | 214-032 | 214-023 | 214-024 | 214-025 |
| Bolt set | 213-416 | standard | standard | standard | standard | standard |

SPECIFICATIONS

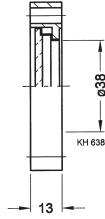
| | | | | | | | |
|---------------------|----------|-----------------------|------|------|------|-----|-----|
| Tightness | mbar l/s | 5 x 10 ⁻¹¹ | | | | | |
| Pressure (absolute) | | 1 x 10 ⁻¹⁰ | | | | | |
| Min. | mbar | 2 | | | | | |
| Max. | bar | 1 | | | | | |
| Max. at 400 °C | bar | 1 | | | | | |
| Window thickness | mm | 1.5 | 3 | 3 | 3.5 | 6 | 8 |
| Weight | kg | 0.04 | 0.24 | 0.35 | 0.85 | 1.4 | 2.8 |

DIMENSIONS

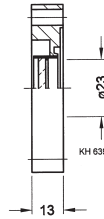
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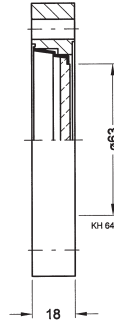
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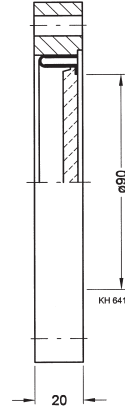
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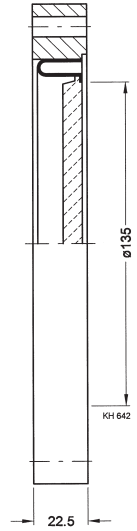
214-023



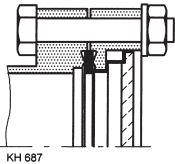
214-024



214-025



Mounting



KH 687



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